

## HARP UPDATE 211102 – BUG FIX DETAILS

Item	Problem Description
1364	Failure looking up elevations when receptors lie very close to the boundary between two DEM files
1362	Problem reading XOQ file if there are more than 9999 receptors; causes harp to skip a column when reading back XOQs, which causes average value to be replaced by 1-hour max
1361	Type mismatch error when looking up elevations (related to item 1364)
1351	Transaction export does not work if project directory is invalid
1350	Project browse button does not work if the project directory is entered manually with invalid syntax
1348	Block invalid combinations of output options on output sheet of dispersion window
1346	Reset button on Dispersion/Output screen cannot be seen
1345	Parameters required to recreate the stochastic analysis on the statistical summary report are missing
1344	Fix program lock up during standard report set
1341	Project file name becomes corrupted if site parameter validation fails
1339	Update equations for pigs and chickens
1338	Default site parameters file load inadvertently when saving site parameters, which results in saving a bunch of zeroes if there is no default site parameter file
1337	Problem saving site parameters; invalid array index referencing
1336	Site Parameters window: On the "enable pathways" tab, add a check box called "pigs, chickens, and/or eggs pathway enabled"
1333	In the stochastic module, if you do not select a receptor, select the worker option, and push calculate, several errors are displayed
1331	Chronic report, dose by pathway table, first column shows GLC; this should reflect the worker adjustment factor
1330	Bug in worker GLC adjustment; it doesn't work for combined cancer/chronic/acute analysis; also does not work for chronic stochastic analysis; when you run chronic analysis for combined average/high-end/derived from the risk reports window, high-end values are not correct because MWAFF not being applied to chronic inhalation risk
1329	Incorrect units when calculating emission rate from process rate and emission rate factor for PM10, PM25, VOC, ROG; factor of 2000 error
1328	On emissions window, correct labels from lbs/yr to tons/yr for PM10, PM25, VOC, ROG
1326	Receptor proximity not being correctly computed
1325	Cannot read met file for year 2000
1324	Error opening some DEM files
1316	When selecting pollutants for emissions data the filter is not working, i.e. you cannot search for a chemical on the list
1312	Problem opening DEM file when using NAD27, Zone 11